

Individual Quiz # 1

If you missed the quiz Friday, that's what we did in class today...

If you missed today also, you need to come during a free period to take it. I have to leave school at 4:00 on Wed so plan accordingly. You need a full period.

Individual Quiz # 2

Tuesday, June 5

Euler's Method

Integration by parts

Separation of variables to find a particular solution to a differential equation.

Arc Length

HW: Review for Quiz #2

Section 9.2 Integration by Parts

p. 506, # 2, 6, 19, 20, 22, 26

answers to evens follow...

even answers p. 506

$$2) \frac{x^2 e^{2x}}{2} - \frac{x e^{2x}}{2} + \frac{e^{2x}}{4} + C$$

$$6) -\frac{x}{e^x} - \frac{1}{e^x} + C$$

$$20) -\frac{\ln(2x) + 1}{x} + C$$

$$22) \frac{2}{3} x^2 (x-1)^{3/2} - \frac{8}{15} x (x-1)^{5/2} - \frac{4}{35} (x-1)^{7/2} + C$$

$$26) x^2 \sin x + 2x \cos x - 2 \sin x + C$$